

**Table 1: Mean AUDIT score and numbers of drinkers broken down by drinking risk group**

Demographic group	Drinkers N	AUDIT			Low risk (0-7)		AUDIT positive (8-40)		Probably dependent (20+)	
		Mean	SD	Range	N	%	N	%	N	%
Males	1,297	8.79	5.10	1-40	611	47%	686	53%	43	3%
Females	1,483	6.83	4.19	1-35	957	65%	526	35%	26	2%
Significant difference between gender: $t=11.00$ , $p<0.0005$										
Under 18	236	7.15	5.46	1-35	159	67%	77	33%	10	4%
18-19	411	8.46	4.43	1-36	198	48%	213	52%	9	2%
20-24	964	8.50	4.79	1-36	452	47%	512	53%	28	3%
25-29	409	7.55	4.83	1-28	252	62%	157	38%	13	3%
30-34	237	7.20	4.64	1-30	149	63%	88	37%	7	3%
35-39	159	6.65	3.92	1-19	107	67%	52	33%	0	0%
40+	364	6.40	4.23	1-40	251	69%	113	31%	2	1%
Significant difference between age groups: $F=13.60$ , $p<0.0005$										
Non-student	2,064	7.61	4.89	1-40	1212	59%	852	41%	57	3%
Student	716	8.14	4.26	1-27	356	50%	360	50%	12	2%
Significant difference between student status: $t=-2.74$ , $p=0.006$										
Heterosexual	2,649	7.69	4.69	1-40	1505	57%	1144	43%	63	2%
Other	131	8.82	5.47	1-35	63	48%	68	52%	6	5%
Significant difference between sexual orientation: $t=-2.67$ , $p=0.008$										
White	2,706	7.80	4.74	1-40	1517	56%	1189	44%	69	3%
Black/minority/ethnic	74	5.92	4.41	1-19	51	69%	23	31%	0	0%
Significant difference between ethnicity: $t=3.37$ , $p=0.001$										
Deprivation quintile 1	357	7.71	5.30	1-35	212	59%	145	41%	13	4%
Deprivation quintile 2	553	7.69	4.91	1-32	321	58%	232	42%	17	3%
Deprivation quintile 3	609	7.46	4.85	1-35	369	61%	240	39%	17	3%
Deprivation quintile 4	435	7.43	4.74	1-39	254	58%	181	42%	11	3%
Deprivation quintile 5	789	8.16	4.23	1-30	397	50%	392	50%	11	1%
Significant difference between deprivation quintiles (1= most deprived): $F=-2.53$ , $p=0.039$										
Total	2,780	7.75	4.74	1-40	1568	56%	1212	44%	69	2%

**Table 2: Logistic regression model output for relationships between demographics and a positive score on AUDIT**

	<b>Odds ratio</b>	<b>P</b>	<b>Low 95%</b>	<b>Up 95%</b>
Males	2.193	<0.0005*	1.864	2.58
Females <sup>R</sup>				
Under 18	1.354	0.11	0.934	1.964
18-19	2.85	<0.0005*	2.061	3.941
20-24	2.799	<0.0005*	2.122	3.692
25-29	1.536	0.006*	1.128	2.093
30-34	1.41	0.06	0.985	2.018
35-39	1.201	0.384	0.795	1.814
40+ <sup>R</sup>				
Non-student <sup>R</sup>				
Student	1.076	0.524	0.859	1.347
Heterosexual <sup>R</sup>				
Other	1.118	0.555	0.772	1.621
White	2.092	0.006*	1.235	3.545
Black/minority/ethnic <sup>R</sup>				
Deprivation quintile 1 <sup>R</sup>				
Deprivation quintile 2	1.054	0.714	0.796	1.394
Deprivation quintile 3	0.993	0.959	0.753	1.309
Deprivation quintile 4	1.041	0.792	0.774	1.4
Deprivation quintile 5	1.221	0.17	0.918	1.624

R - reference group

\* - significant at 99% level

**Table 3: Positive STI bivariate associations and binomial regression model output for relationships between demographics and a positive STI diagnosis (all drinkers)**

	N	% testing positive for any STI	Odds ratio	P	Low 95%	Up 95%
<b>Suffered any consequence by any drinker</b>						
Males <sup>R</sup>	1297	25%				
Females	1483	23%	0.901	0.265	0.749	1.083
	$\chi^2=1.665, p=0.106$					
Under 18 <sup>R</sup>	236	26%				
18-19	411	24%	1.077	0.701	0.738	1.571
20-24	964	26%	1.057	0.748	0.756	1.477
25-29	409	25%	0.851	0.404	0.583	1.243
30-34	237	22%	0.687	0.095	0.443	1.067
35-39	159	20%	0.632	0.073	0.383	1.043
40+	364	23%	0.756	0.166	0.51	1.123
	$\chi^2=4.613, p=0.594$					
Non-student	2064	26%	1.553	0.001*	1.193	2.021
Student <sup>R</sup>	716	18%				
	$\chi^2=18.580, p<0.0005$					
Heterosexual	2649	24%	1.097	0.674	0.712	1.692
Other <sup>R</sup>	131	22%				
	$\chi^2=0.332, p=0.323$					
White	2706	24%	0.808	0.458	0.46	1.419
Black/minority/ethnic <sup>R</sup>	74	23%				
	$\chi^2=0.067, p=0.461$					
Deprivation quintile 1	357	28%	1.473	0.018**	1.067	2.033
Deprivation quintile 2	553	28%	1.495	0.006*	1.12	1.995
Deprivation quintile 3	609	27%	1.462	0.008*	1.103	1.937
Deprivation quintile 4	435	25%	1.389	0.033**	1.027	1.879
Deprivation quintile 5 <sup>R</sup>	789	18%				
	$\chi^2=24.255, p<0.0005$					
Low risk <sup>R</sup>	1568	24%				
Increasing risk	1034	24%	1.03	0.761	0.85	1.249
Higher risk	109	23%	0.92	0.73	0.574	1.476
Probable dependence	69	38%	1.7	0.041*	1.021	2.83
	$\chi^2=7.116, p=0.068$					
Total	2780	24%				

R - reference group

\* - significant at 99% level

\*\* - significant at 95% level